

Converting Colors

XYZ(71.6590, 75.3490, 81.3377)

Have a look what the booklet for
XYZ(71.6590, 75.3490, 81.3377)
contains.

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Color

**XYZ(71.7438, 75.4010,
81.2936)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E1E0
RGB	226, 225, 224
RGB Percent	89%, 88%, 88%
CMY	0.1137, 0.1176, 0.1216
CMYK	0.00, 0.00, 0.01, 0.11
HSL	30°, 3%, 88%
HSV	30°, 1%, 89%
XYZ	71.7438, 75.4010, 81.2936
YIQ	225.1850, 0.9170, -0.0990

Conversions

Conversions Part 2

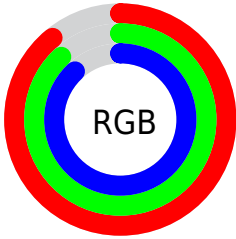
Format	Color
R _Y B	226, 226, 224
Decimal	14868960
CIE Lab	89.58, 0.16, 0.60
CIE LCh	90, 0.619, 74.660
Yxy	75.4010, 0.3141, 0.3301
Android (android.graphics.Color)	4293059040 (0xFFE2E1E0)
YUV	225.1850, -0.5842, 0.7148
Hunter-Lab	86.8337, -4.4788, 5.2764

Details

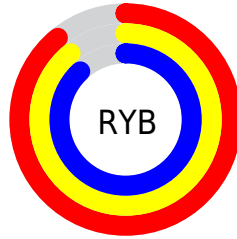
The XYZ color **71.7438, 75.4010, 81.2936** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3932, 75.1878, 82.7024**, and the grayscale version is **71.7065, 75.4408, 82.1551**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3307, 40.2720, 43.2891** is the 20% darker color. If you saturate the color by 10%, you get **65.9375, 68.3711, 65.2280**, and if you desaturate by 10%, it is **78.1625, 83.0016, 99.5752**.

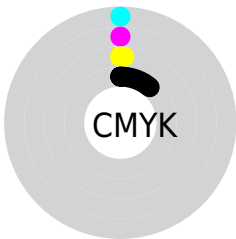
Distribution



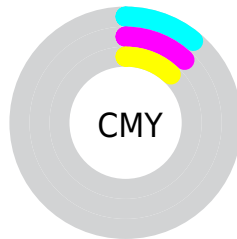
- Red (89%)
- Green (88%)
- Blue (88%)



- Red (89%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (11%)
- Magenta (12%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7438, 75.4010, 81.2936 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 71.7438, 75.4010, 81.2936 by changing the saturation by 10% instead.

■ 71.7438, 75.4010,
81.2936

■ 71.7438, 75.4010,
81.2936

455.8209,
479.2947, 519.1030

■ 53.2341, 55.9415,
60.2510

120.7050,
126.8798, 137.0107

■ 38.2179, 40.1560,
43.1944

151.8872,
159.6679, 172.5223

■ 26.3299, 27.6602,
29.7051

188.0243,
197.6677, 213.6941

■ 17.2045, 18.0697,
19.3647

229.4817,
241.2634, 260.9444

■ 10.4766, 11.0000,
11.7546

276.6247,
290.8396, 314.6920

■ 5.7808, 6.0668,
6.4563

329.8186,

■ 2.7516, 2.8858,

346.7806, 375.3552

3.0513

389.4289,
409.4709, 443.3527

■ 1.0238, 1.0724,
1.1209

■ 0.0000, 0.0000,
0.0000

■ 71.7438, 75.4010,
81.2936

■ 71.7438, 75.4010,
81.2936

■ 65.9375, 68.3711,
65.2280

■ 78.1625, 83.0016,
99.5752

■ 60.7174, 61.8882,
51.2880

■ 82.8340, 90.2279,
107.6577

■ 56.0646, 55.9408,
39.3846

■ 85.1745, 94.9090,
108.4378

■ 51.9569, 50.5134,
29.4203

■ 48.3703, 45.5898,
21.2895

■ 45.2787, 41.1524,
14.8766

■ 42.6533, 37.1827,
10.0524

■ 40.4618, 33.6600,
6.6693

■ 38.6660, 30.5613,
4.5512

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.8747, 75.4010, 81.5114



71.7438, 75.4010, 81.2936



71.5924, 75.4010, 81.2910

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.7438, 75.4010, 81.2936



71.3838, 75.4010, 82.3111



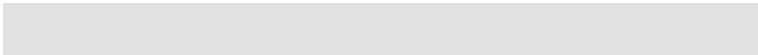
71.8722, 75.4010, 82.6962

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71.7438, 75.4010, 81.2936



71.3932, 75.1878, 82.7024

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7404, 75.4010, 82.9120



71.7438, 75.4010, 81.2936



71.4585, 75.4010, 82.6891

Square

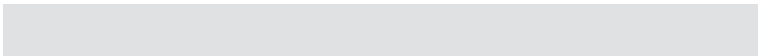
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7438, 75.4010, 81.2936



71.3847, 75.4010, 81.8774



71.5890, 75.4010, 82.9094



71.9489, 75.4010, 82.3207

Rectangle

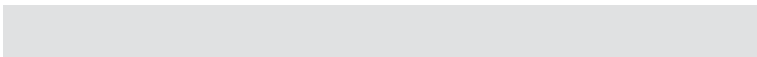
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.7438, 75.4010, 81.2936



71.5002, 75.4010, 81.4117



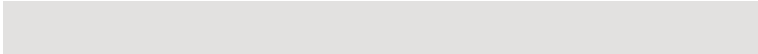
71.5890, 75.4010, 82.9094



71.8329, 75.4010, 82.7899

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71.7459, 75.4042, 81.2952

95.0500, 100.0000, 108.9000



71.6114, 74.9175, 81.9215



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7459, 75.4042, 81.2952



94.2383, 99.0292, 106.6174



72.0160, 75.9444, 81.3853



15.3358, 16.1166, 17.3640



21.4088, 16.2555, 2.0093



1.5735, 1.3059, 0.1691

Inverse Universe

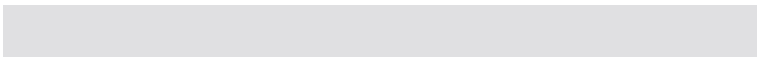
The Inverse Universe completely reimagines the original color for something new.



71.3932, 75.1878, 82.7024



93.7111, 98.7056, 108.7207



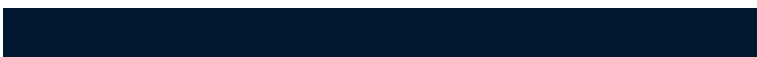
71.1247, 74.6508, 82.6129



15.2553, 16.0672, 17.6849



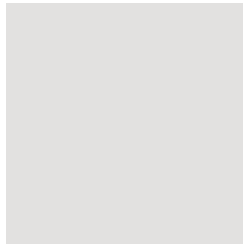
11.2914, 10.0523, 42.3935



0.8722, 0.8758, 2.9683

Previews

White Background



This preview shows how the XYZ color 71.7438, 75.4010, 81.2936 looks on a white background.

Color Contrast Check

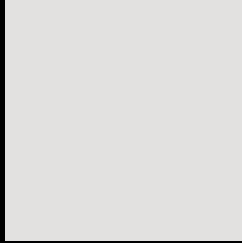
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 71.7438, 75.4010, 81.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

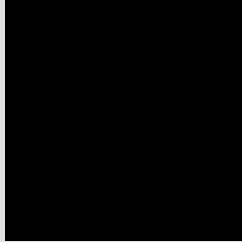
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

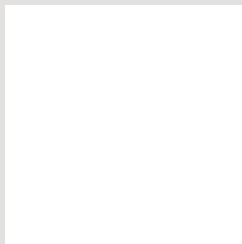
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.7438, 75.4010, 81.2936

Background



This preview shows how black text looks on a background with the XYZ color 71.7438, 75.4010, 81.2936.



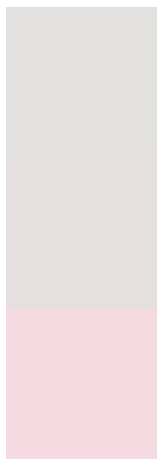
This preview shows how white text looks on a background with the XYZ color 71.7438, 75.4010,

81.2936.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71.7438, 75.4010, 81.2936

Protanopia

72.2880, 75.2970, 80.5358

Deuteranopia

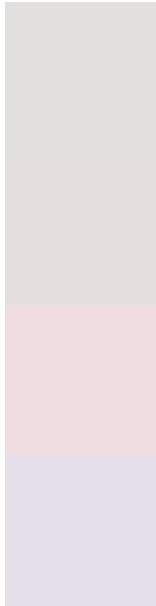
76.6680, 75.1719, 81.7029



Tritanopia

74.1108, 75.5606, 93.1167

Trichromacy



Original Color

71.7438, 75.4010, 81.2936

Protanomaly

71.9698, 75.1330, 80.5209

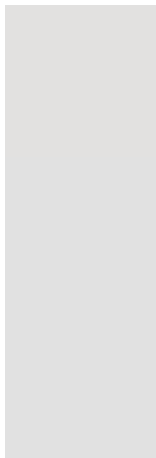
Deuteranomaly

75.0437, 75.4999, 81.8519

Tritanomaly

73.1855, 75.5827, 88.5735

Monochromacy



Original Color

71.7438, 75.4010, 81.2936

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.5672, 75.2942, 81.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7438, 75.4010, 81.2936 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(226, 225, 224) looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 224)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(226, 225, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 224) }
```

Border

The CSS property to change the border of an element to XYZ 71.7438, 75.4010, 81.2936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 225, 224) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(226, 225, 224) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(226, 225, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 224);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
224) }
```


Background

The CSS property to change the background color of an element to XYZ 71.7438, 75.4010, 81.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 224) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(226,  
225, 224) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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